Work Orde	er ID 91543	,	*91	543*				Page 1	
Item ID: Revision ID:	D350-561-045		Accept	*N900	<u> </u>) () *	Setup Star	14.51	
Item Name:	Dual Mirror Accessory Installation, 6 i	nch Round					Stop	' *NS2*	
Start Date:	10/11/12 Start Qty: 1.00	*1*	20	Cust Item	ı ID:				
Required Date: Reference:	10/19/12 Req'd Qty: 1.00	*1*		Customer	r :				
Approvals:	Process Plan: 445				Date:	_	Run Star Stop	"NRT"	
Sequence ID/ Work Center II	Operation Description		Set Up/ Run Hours	Tool ID	Tool # Plan	-	Reject Qty	Reject Insp. Number Stamp	-
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D350-561	Rev D	#SP-		MAO.					
*100 *100* DC	DOCUMENT CONTROL		0.00	12,10.3)		H) der 1	MUJ 124/0.	, 30
Document Control	Memo Photocopy bl	luefile and create labels per		CHG003					
105	Pick Kit		0.00						
105 Packaging Packaging	Memo		0.00			//		12-10	, >-32
·······················			_	· ·				7	34
*110	QC4-100% Inspect kits f	or completeness	0.00	15 15					
QC Ouality Control	Memo		0.00	210.31					

NCR:	Yes	/ No	•			WORK ORDER NON-	co	NFOR	MANCE / UP	DATE			•
									_		QA Closed:	Date:	
Work Orde	er:					DISPOSITION				AGAINST D	EPARTMENT/	PROCESS	•
Part f	- No					Rework Scrap Use-as-is Work Order Update		1	Skid-tube Machining noforming Large Fab	Crosstube Small Fab Finishing Composite	_	Water Jet J. Eng. Coor. e/Packaging Supplier	Engineering Quality Other
Root					Descri	ption of work order update		Initial	Ad	ction	Sign &		
Cause		Date	Step	Qty	(or Non-conformance	C	hief Eng	Desc	ription	Date	Verification	QC Inspector
Doc/Data													
Equip/Tooling							,						
Operator													
Material									•				
Setup							:						
Other	Ш					و مو ج	٠				1		
Process	Ш					· c					1		
Supplier	Ш					· ·	3 .						
Training													
Unapproved													
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Landi	ng G	ear				General				_	-		7
	-	Bending				Bend	<u> </u>	Grain			Ovalized	<u></u>	Pressure/Forced
	$\overline{}$	Centre No	t Concer	ntric to	o/s	BOM/Route	<u> </u>	Hardwa			Over/Under	<u> </u>	Temperature/Cure
	-	Cracks				Broken/Damaged	\perp	⊣	on Incomplete		Part Incorred	 	Weld
	-	Crushed/0	Crimped.		<u> </u>	Burrs		1	ions Incomplete	'Unclear	Part Lost/Mi	ssing	Wrong Stock Pulled
	\vdash	Cuffs				Contamination	L	_ Mainte		ļ	Part Moved		
		Heat Trea				Countersink	L	Mislabe		<u> </u>	Positioned W	_	1
	-	Inspection		Tube		Cut Too Short	L	Misread	i		Power Loss/S	Surge	Other
		Ripples in				Drill Holes	5	Offset					
	╝.	Torque W	aves in E	xtrusio	n	Drawing	L	Out of 0	Calibration			· · · · · · · · · · · · · · · · · · ·	

Out of Sequence

Outside Dimensions

DQA:

Date:

Turning Sequence

Wave/Twist in Tube

Finish

Folio

Work Order ID 91543 Page 2 October-12-12 11:27:10 AM D350-561-045 Item ID: Accept *N900040100* Setup Start **Revision ID: Item Name:** Dual Mirror Accessory Installation, 6 inch Round 10/11/12 Start Qty: 1.00 **Start Date: Cust Item ID:** Required Date: 10/19/12 Req'd Qty: 1.00 **Customer:** Reference: Run Process Plan: Approvals: Date: Date: **Tooling:** Stop SPC (Y/N): Date: Date: Sequence ID/ Operation **Tool ID** Tool # Plan Reject Set Up/ Accept Reject Insp. **Work Center ID Description** Code Qty Number Stamp **Run Hours Qty** 120 0.00 Packaging *120* Loc_43 0.00 Packaging Memo Packaging Identify and pack for shipping as per PPP D350-561-045

130

QC21- Final Inspection - Work Order Release

0.00

130

QC Quality Control

Memo

0.00

M2-

12-11-01

NCR: \	res / No				WORK ORDER NON-C	JONE	-OKN	MANCE / UPI	DAIL			•
								•		QA Closed:	Date	<u>:</u>
Work Orde	er:				DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	•
Part N	No				Rework Scrap Use-as-is Work Order Update		ا Therm	Skid-tube Machining noforming Large Fab	Crosstube Small Fab Finishing Composite		Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
_		1	T 1				1				<u> </u>	
Root					ption of work order update		tial		tion	Sign &		OC In an anta u
Cause	Date	Step	Qty		or Non-conformance	Chie	f Eng	Descr	ription	Date	Verification	QC Inspector
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		<u> </u>			F	AULT	CATE	GORY		<u> 1</u>		
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	Bending				Bend	G	rain			Ovalized		Pressure/Forced
	Centre N	ot Conce	ntric to C	o/s	BOM/Route	Н	ardwa	re		Over/Under	tolerance	Temperature/Cure
1	Cracks				Broken/Damaged	In	specti	on Incomplete		Part Incorre	ct [Weld
	Crushed,	/Crimped	-		Burrs	In	structi	ions Incomplete/l	Jnclear	Part Lost/M	issing	Wrong Stock Pulled
	Cuffs				Contamination	\square	lainte	nance		Part Moved		
	Heat Tre	at			Countersink	Шм	1 islabe	led		Positioned V	Vrong _	
	Inspection	n Strip in	Tube		Cut Too Short	Шм	lisread	I		Power Loss/	'Surge	Other
[Ripples i	n Bend			Drill Holes		ffset					
	Torque V	Vaves in E	xtrusion		Drawing		ut of C	Calibration				
I	Turning :	Sequence			Finish	1 0	ut of S	equence				

Outside Dimensions

Date:

DQA:

Wave/Twist in Tube

Folio

Picklist Print

October-12-12 11:27:09 AM

Work Order ID:

91543

Parent Item:

D350-561-045

Parent Item Name:

Dual Mirror Accessory Installation, 6 inch Round

Start Date: 10/11/12

Required Date: 10/19/12

Start Qty: 1.00

Required Qty: 1.00

Comments:

IPP D05.09.15Step 3 pick list revised per D350-561 Rev.

CKJ/JLM

IPP Rev:E add pick kit DD

10.04.19 verified by:EC IPP Rev:F 10.09.14 per IIN revD DD verf:EC

IPP REV:G 12.05.30 PER ECN 12-596 DD VERF:EC

Component Item ID	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit o Measu		Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN3-5A Bolt		Purchased	No			105	Each	1,280.0000		2 9	S) (8
				Location		Loc Oty		Loc Code			•		
2	amo			ST350		1280							
				11533	71	46							
				11742		121							
				11935		200							
				12018		56							
				12118 12241		6 500							
				1224)		351				Da			
D2011-101		Manufactured	No			105	Each	38.0000		1			
6" Mirror		Manufactureu	110			103	Euch	30.0000	0	, <			- S/V
J.	√			Location		Loc Oty		Loc Code		(21		
				ST229		38							
				86647	1	38			/	V			
D2012-113		Manufactured	No		-	105	Each	28.0000	2	2~			
Clamp									4.2	-S $-$)		
Sme	>			Location		Loc Qty		Loc Code		•			
J 11,5				ST003		28							
				84123	i ,	28				X			*
D3635-8		Manufactured	No			105	Each	56.0000	2	2	_	6	24
Gasket										2	ノ <u>、</u>		<i>\$1</i> <
<u></u>	~			Location		Loc Qty		Loc Code		-			
7	\sim			ST061		56							
_)				85656		. 56				2x			
AN960JD10	NAS1149D0363J	Purchased	No	4		105	Each	0.0000	4	4	170	7.10	. ~
Washer		i di cilasca							4	<i>"</i>	1/13	$\mathcal{A}V$	

Smo

SP12-10-30.

										DQA	۸: Da	te:	
NCR:	Yes / No)			WORK ORDER NON-	CO	NFORN	MANCE / UPI	DATE	QA Closed	 d: Da	to.	•
/			7. 7.		DISPOSITION		<u> </u>		AGAINST DI				
Work Ord	er:				DISPOSITION				AGAINST DI	-	1/PROCESS		
Part N	71				Rework Scrap Use-as-is Work Order Update		Therm	Skid-tube Machining noforming Large Fab	Crosstube Small Fab Finishing Composite	_	Water Jet rod. Eng. Coor. ore/Packaging Supplier		Engineering Quality Other
Root		7	1	Descri	ption of work order update	1	Initial	Act	ion	Sign &		$\overline{}$	
Cause	Date	Step	Qty		or Non-conformance	- 1	nief Eng		ription	Date	Verificatio	n	QC Inspector
Doc/Data	Date	Step	1 4.7		or tron comornance	+	ner eng	7636.	TP COL				
Equip/Tooling													
Operator													
Material						-							
Setup													
Other												1	
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Supplier													
Training													
Unapproved													
					F	AUI	T CATE	GORY					
Landi	ng Gear				General		_			_		_	
	Bendin	3			Bend		Grain			Ovalized		Ш	Pressure/Forced
	Centre	Not Conce	ntric to 0)/S	BOM/Route		Hardwa	re		Over/Und	er tolerance	\vdash	Temperature/Cure
	Cracks				Broken/Damaged		Inspecti	on Incomplete		Part Incor	ect		Weld
	Crushe	d/Crimped	-		Burrs	L	Instructi	ions Incomplete/U	Jnclear	Part Lost/1	Missing		Wrong Stock Pulled
	Cuffs				Contamination		Mainte	nance		Part Move	d		
	Heat Tr	eat			Countersink		Mislabe	led	L	Positioned	-		
	Inspect	ion Strip in	Tube		Cut Too Short		Misread			Power Los	s/Surge		Other
	Ripples	in Bend			Drill Holes		Offset						

Out of Calibration

Outside Dimensions

Out of Sequence

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish Folio Octőber-12-12 11:27:09 AM

Work Order ID:	91543								
Parent Item:	D350-561-045						Start	Date: 10/11/12	Required Date: 10/19/12
Parent Item Name:	Dual Mirror Accessory Insta	llation, 6 inch Rou	ınd				Star	t Qty: 1.00	Required Qty: 1.00
N960JD416 Washer	NAS1149D0463J Purch	ased No			105	Each	29.0000	2	2m/233555
	~ ~		Location		Loc Oty		Loc Code		
•	Syl		ST351		29				
			11	6289	8				
			11	9097	21				
1S21042L3 ut	Purch	ased No			105	Each	3,544.0000	2	2 12-10-30
	4		Location		Loc Oty		Loc Code		
	5W>		316		701			-	_
			12	2452	701			- No. 100	
			ST300		338				
			11	7885	32				
			11	9017	168				_
			11	9075	138				
			ST314		1929				_
			12	3265	1929			- 3x	
			ST317		576			***	

576

122141

NCR: Y	'es / No				WORK ORDER NON-C	ONFOR	RMANCE / UP	DAIL			4
									QA Closed:	Date:	
Work Orde	r:				DISPOSITION			AGAINST DE	PARTMENT	/PROCESS	•
Part N NCR N	0				Rework Scrap Use-as-is Work Order Update	Thei	Skid-tube Machining moforming Large Fab	Crosstube Small Fab Finishing Composite	4	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root				Descri	ption of work order update	Initial	Ac	tion	Sign &		
Cause	Date	Step	Qty	(or Non-conformance	Chief En	g Desc	ription	Date	Verification	QC Inspector
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quip/Tooling											
Operator											
Material										:	
Setup			101	-	141						
Other					4						
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Supplier											
Training											
Jnapproved											<u> </u>
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Landin	g Gear				General	—			1	_	7
1	Bending			_,	Bend	Grain		<u> </u>	Ovalized		Pressure/Forced
-	Centre No	ot Concer	ntric to	^{O/S}	BOM/Route	Hardw		-	Over/Under	-	Temperature/Cure
-	Cracks				Broken/Damaged	⊢	tion Incomplete		Part Incorred	 	Weld
-	Crushed/0	Crimped,			Burrs		ctions Incomplete/	Unclear	Part Lost/Mi	ssing	Wrong Stock Pulled
-	Cuffs			<u> </u>	Contamination	├	tenance		Part Moved		
-	Heat Trea	-	L	<u> </u>	Countersink	Mislat		<u> </u>	Positioned V		Joshan
	Inspection	,	Tube	-	Cut Too Short	Misre		L_	Power Loss/	Surge	Other
-	Ripples in			-	Drill Holes	Offset				·	
-	Torque W			۱	Drawing		Calibration				
- 1	Turning Sa	POUIDNCP.		1	Finish	I 1()ut of	Sequence				

Outside Dimensions

DQA:

Date:

Wave/Twist in Tube

Folio

DART AEROSPACE LTD.

REFERENCE ONLY

D350-561 Page 14 of 14

5. PARTS LIST

Qty -041	Qty -043	Qty -045	/ Qty -141	Qty -143	Qty -241	Qty -243	Part Number	Description
Х	1						D350-561-041	SINGLE MIRROR INSTALLATION, RH
	X						D350-561-043	DUAL MIRROR INSTALLATION, RH
	1	Х		1		1	D350-561-045	MIRROR KIT
			х	1			D350-561-141	SINGLE MIRROR INSTALLATION, RH
			<u> </u>	X			D350-561-143	DUAL MIRROR INSTALLATION, RH
					Х	1	D350-561-241	SINGLE MIRROR INSTALLATION, LH
			<u> </u>			Х	D350-561-243	DUAL MIRROR INSTALLATION, LH
								
1		1	1		1		D2011-101	-Mirror
1		-	<u> </u>	Ì		<u> </u>	D2012-101	Arm
1						l	D2012-103	Arm
1			1				D2012-105	Arm
					1		D2012-106	Arm
2		T	1		1		D2012-107	Clevis
1							D2012-109	Bracket
1			1		1		D2012-111	Bracket
4		12					D2012-113	Clamp
1			1		1		D2012-115	Bracket
4			2		2		D2022-101	Spacer
4							D2856-100-325	Abrasion Strip
1*		1*	1*		1*		D3014-1	Locknut
			1		1		D3629-1	Bracket
			1		1		D3635-1	Gasket
		/ 2					D3635-3	Gasket
			1				D3646-1	Arm
					1		D3646-2	Arm
			1				D3646-3	Arm
					1		D3646-4	Arm
			2		2		D4070-041	Clamp
2							-AN3-4A	Bolt
2		12	6		6		-AN3-5A	Bolt
1			1		1		AN3-6A	Bolt
2			11		1		AN4-10A	Bolt
3			3		3		AN4:5A	-Bolt
14		54	8		8		AN960JD10	Washer
9		12	8		8		AN960JD416	Washer
1*		HT	1*		1*		CAN960JD416L	_Washer
5		[2	4		4	ļ	MS21042L3	Nút (or MS21042-3)
5		\ <u> </u>	4		4		MS21042L4	Nut (or MS21042-4)
		1						

*INCLUDED AS PART OF D2011-101 MIRROR

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Revision: **E**

Date: 12.03.27